

CERTIFICATE OF ANALYSIS

QUALITY CONTROL LABORATORY of SDFCL Mfg. Unit No.2
 Survey No.299, Poicha(R), -391 780, Taluka : Savli, District : Vadodara , Gujarat

Testing started on : 14/05/2022
Testing completed on : 14/05/2022
Date of Reporting : 08/06/2022

Name Of The Product	GLYCEROL AR (meets the analytical specification of BP, USP, Ph.Eur.) (Not for Direct Medicinal use)		
Batch No.:	E22A/0122/1205/31	Product Code	20118
Mfg. Date	MAY.-2022	Reassessment Date	APR.-2027
Specification Reference	20118SP03	Lab ID	RM/2223/05022
CASR No.	56-81-5	Certificate No.:	120522/01
Molecular Formula	C₃H₈O₃	Molecular Weight	92.09

S.NO.	TEST	SPECIFICATIONS	RESULTS	TEST METHOD REF.
1	Description	A clear viscous liquid, not more than 10 Hazen units in colour.	Complies	Ph Eur 6.0 th edition
2	Solubility	Miscible with water & with industrial Methylated spirit forming clear & Colourless solution.	Complies	Ph Eur 6.0 th edition
3	Identification (By FTIR)	Passes test	Complies	In house development
4	Minimum Assay (By GC)	99.5%	99.94%	ACS 11 th edition, 2016
5	Wt. per ml at 20°C	1.257 – 1.261 g	1.258 g	Ph Eur 6.0 th edition
6	Refractive index (n) _D ²⁰	1.471 – 1.473	1.471	Ph Eur 6.0 th edition
7	Reaction	pH 6.0 – 7.0	6.9	In house development
MAXIMUM LIMITS OF IMPURITIES :				
8	Sulphated ash	0.005%	0.003%	ACS 10 th edition
9	Chloride(Cl)	0.0001%	<0.0001%	ACS 2000
10	Sulphate(SO ₄)	0.0005%	0.00029%	ACS 2000
11	Arsenic(As)	0.0001%	NIL	In house development
12	Iron (Fe)	0.00005%	0.00002%	Vogel's fifth edition Quantitative chemical Analysis
13	Lead (Pb)	0.00005%	NIL	ACS 2000
14	Heavy Metals(Pb)	0.0005%	NIL	ACS 2000
15	Esters of fatty acids (glycerol tributyrate)	Passes test	Complies	In house development
16	Sugar (glucose)	Passes test	Complies	In house development
17	Acidity or Alkalinity	Passes test	Complies	BP - 2004
18	Aldehydes	Passes test	Complies	BP - 2004
19	Related substances	Passes test	Complies	USP
20	Halogenated compounds (as Cl)	0.003%	<0.003%	USP

. END OF REPORT

(This is a computer printed report hence valid without signature)



Regd.Office : 315 TV Industrial Area, 248 Worli Road, Mumbai-400 030, India.
Admin. Office: 1502, Marathon Icon, Marathon Nextgen Off Ganpatrao Kadam Marg,
Veer Santaji Marg, Lower Parel, Mumbai - 400 013
E-mail : technical@sdfine.com; **Web site** : www.sdfine.com
Tel : 022-24814444 **Extn.** : 4510, 4507

CERTIFICATE OF ANALYSIS

QUALITY CONTROL LABORATORY of SDFCL Mfg. Unit No.2
Survey No.299, Poicha(R), -391 780, Taluka : Savli, District : Vadodara , Gujarat

21	Water	2.0%	0.06%	Ph Eur 6.0 th edition
22	Organic volatile impurities	Meets the requirement	Complies	USP
23	Ethylene Glycol & related substance (GC)	Passes test	Complies	USP

● **Packing is found to be Satisfactory / Not Satisfactory**

THE ABOVE BATCH MATERIAL COMPLIES WITH THE PRESCRIBED QUALITY STANDARD AS ABOVE.
Measured values given in this Certificate of Analysis are the results determined at the time of Analysis.
The above data do not relieve the user from analyzing the product upon receipt. Any legally binding Assurance regarding the suitability of the product for any particular purpose or use cannot be derived thereof.

The results relate only to the sample tested.

This certificate shall not be reproduced except in full, without written consent of the Lab management.

For S D FINE-CHEM LIMITED, POICHA

**(Authorized Signatory)
Manager Quality Control**

.....END OF REPORT.....

(This is a computer printed report hence valid without signature)